REMARKS

This application is a continuation of copending application Serial No. 09/912,077, filed July 24, 2001. This application was originally filed with claims 1-11. Applicant has retained original claim 1, canceled claims 2-11 and added new claims 12- 21 for consideration, which is respectfully requested.

No additional fee is believed to be due. However, if any fee is made payable by the filing of this paper, please consider this our authorization to charge the deposit account of the undersigned, Deposit Account No. 06-0540.

Respectfully submitted,

6/26/03
DATE

SIGNATURE OF PRACTITIONER

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Please amend the specification at ¶ [029], beginning on page 8, line 18, as follows:

--[029] Referring next to FIGS. 2 and 3, reflectance sensor **20** in its preferred embodiment comprises: a housing **28**; an emitter lens **30** located on the bottom of housing **28**; and a receiver lens **32** likewise located on the bottom of housing **28**. Preferably lens **32** and lens **30** will be selected such that the light emitted by sensor **20** will illuminate an area of consistent size and shape over a range of heights above the ground and likewise, sensor **20** will detect the reflected light consistently from approximately the same area as is illuminated by the sensor.--

Please amend the specification at ¶ [058], beginning on page 22, line 7 as follows:

--[058] Finally, it should likewise be noted that, while farming applications of the inventive sensor were discussed in relation to the preferred embodiment, the invention is not so limited. The inventive device could be used to improve the efficiency of plant maintenance in virtually any application, i.e. golf courses, lawn care, landscape maintenance; etc. While the constants ~~in~~ and the form of the equations given above may vary from crop-to-crop, the inventive method is otherwise applicable to virtually any type of plant.--